

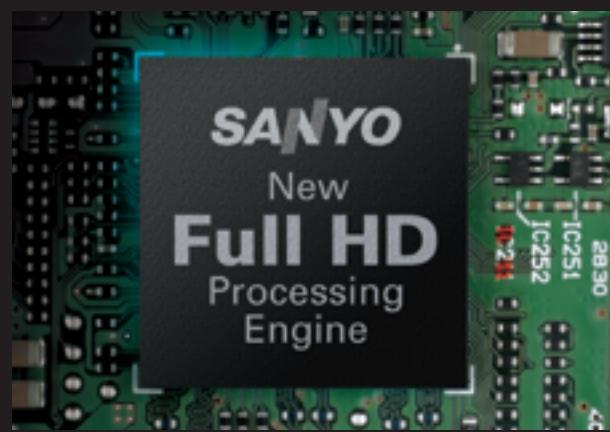
# Think GAIA

For Life and the Earth

# SANYO

## Full HD CS-Mount Camera Series

VCC-HD2100  
VCC-HD2300  
VCC-HD2500



**SANYO, the first choice for Full HD**

- Ultra-compact camera style
- 1080p Full HD, 30 ips Full Framerate with H.264
- 4-megapixel (2288 x 1712) resolution with MJPEG
- Exclusive Xacti HD-Pro Engine and Optimum IP-Pro Engine (HD2500)
- Quad-Stream (HD2500), Dual-Stream (HD2100/HD2300)
- Focus Assist Drive
- Video Analytics \*1
- Alarm/Back-up Recording on SD Memory Card \*2
- Bidirectional Audio \*1
- Universal Power Input PoE, 24V AC and 12V DC



FULL HD  
1920 x 1080

\*1 Only for VCC-HD2500

\*2 Only for VCC-HD2500 (Use Sanyo-recommended SD card)

**VCC-HD2100**  
Dual-Stream  
Color CS-Mount

**VCC-HD2300**  
Dual-Stream  
Day/Night CS-Mount  
**DAY NIGHT**

**VCC-HD2500**  
Quad-Stream  
Day/Night CS-Mount  
**DAY NIGHT**

# Full HD CS-Mount Camera Series

## Technical Specifications

### Camera

Model No.	VCC-HD2500	VCC-HD2300	VCC-HD2100
Image sensor		1/3" Progressive Scan CMOS	
Number of pixels	Effective 16:9 1920 (H) x 1080 (V)	4:3 2288(H) x 1712(V)	
Minimum illumination (approx.)	Color 1.0 lux(F1.2, GAIN HIGH), B/W 0.1 lux (F1.2, GAIN HIGH)	Color 1.0 lux (F1.2, GAIN HIGH)	
Video S/N ratio	More than 50 dB (AGC off)		
Lens mount	CS mount		
Flange back	12.5mm ±0.5mm electronic adjustment with focus assist drive		
Backlight compensation	Multi/Center/Face/Off, Mask settings possible	Multi/Center/Off, Mask settings possible	
White balance	ATW/AWC/MWB/Outdoor/Indoor/Fluorescent Adjustable R and B signals in MWB mode		
AGC	Normal/Middle/High/Off Adjustable, gain control in Off mode		
Electronic shutter	1/30, 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 Long shutter : x1, x2, x4, x8, x16, x32		
Electronic iris	Yes		
Auto iris control	DC type		
Gamma	0.45/1/Mode1/Mode2		
Aperture compensation	On/Off		
Day/Night	True Day/Night		—
DNR	3D		
Title	16 Characters		
Motion detection	Yes, Video analytics	Yes	
Face detection	Yes	No	
Privacy mask	On/Off		

### Network

Image compression		MJPEG / H.264	
Resolution	H.264	<16:9> 1920x1080 / 1280x720 / 640x360 / 320x180 <4:3> 1600x1200 / 1280x960 / 1024 x 768 / 640x480 / 320x240	
	MJPEG	<16:9> 1920x1080 / 1280x720 / 1024x576 / 640x360 <4:3> 2288x1712 / 1600x1200 / 1280x960 / 1024x768 / 800x600 / 640x480 / 320x240	
Picture quality		Quality: (BASIC, NORMAL, ENHANCED, FINE, SUPER FINE) Bitrate: Chageable	
Frame rate		Max. 30 ips (1920x1080)	
Streaming number		4	2
Video streaming		Multi stream H.264 and MJPEG (Max.1920x1080 30 ips)	
Audio compression method		G.711, Bidirectional (Full duplex)	—
Protocol		TCP/IP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, DDNS, RTP, RTSP	
Simultaneous access capacity		Max. 20	
Security		BASIC authentication (ID/password), SSL supported (Only JPEG), IP filtering	

### Interface

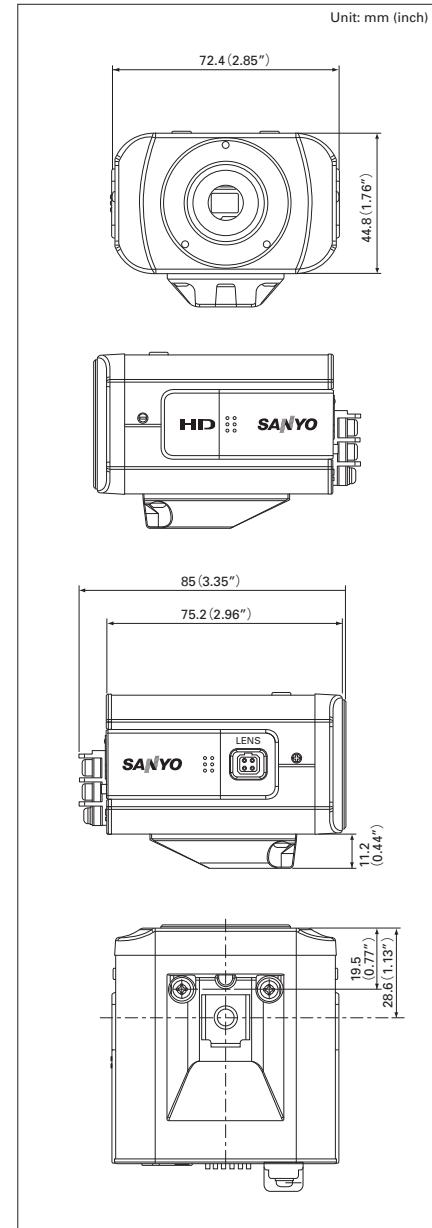
Monitor output	Composite out (for adjustment only)				
SD memory card slot	1(SDHC)	—			
Network port	10BASE-T/100BASE-TX (RJ45 connector)				
Alarm input/output	2/2				
Audio input/output	Mic in/Line out (3.5Φ mini jack)				

### General

Environmental conditions	Operating	Temperature: -10 to +50°C (14°F to 122°F) Humidity: within 90% RH
	Storage	Temperature: -20 to +70°C (-4°F to 158°F) Humidity: within 70% RH
Power supply	24V AC ±10%, 60 Hz / 12 - 15 V DC, PoE (IEEE802.3af)	
Power consumption (approx.)	6.8w	4.6w
Dimensions (approx.) (W x H x D)	72.4 x 44.8 x 75.2 mm (2.85 x 1.76 x 2.96 inch)	
Weight (approx.)	250g (8.82 oz)	220g (7.76 oz)

\*Specifications, design and availability are subject to change without notice.

### Dimensions



**Caution:** Please consult the instruction manual to ensure safe and proper operation of the product.



Digital System Company of SANYO Electric Co., Ltd. obtained Quality Management System ISO9001 and Environmental Management System ISO14001 certifications.

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